Defense Information Systems Agency

A Combat Support Agency

Joint Interoperability Test Command

JCIDS Document Review Checklist

Version 2.0, 12 May 2009

for

CDDs, CPDs, ISPs, and TISPs

developed in accordance with

CJCSI 6212.01D, 8 March 2006

Caution: This checklist was developed for the use of JITC Action Officers and support contractors. It is not comprehensive and addresses only areas of JITC concern, e.g. interoperability and net-centricity.

This is a living document and will be updated, as required. JITC Action Officers and support contractors should always verify they have the correct version before starting a review.

See: T:\PLANS & POLICIES TRAINING\JCPAT-E document review\nr-kpp document review checklist for the current version.

Send comments to Alvin Mack or Freddy Haukaas.

JITC Document Review Checklist
CJCSI 6212.01D
Version 2.0, 12 May 2009

X. Requirement X.X Potential Issue(s)	**CDD**	**CPD**	**ISP**	**TISP**	**Maximum Level of Criticality[6]**	**Guidance**	**Reference See note 1**
1. Net-Ready Key Performance Parameter (NR-KPP) Compliance Statement							
1.1. Does the document contain the NR-KPP compliance statement?	X[5]	X	X	X	C	The NR-KPP compliance statement is the basis for the IOP cert process and is required for testing.	Encl D, para 1.a DODI 4630.8, para 6.3.2 (ISP)
1.2. Is the NR-KPP compliance statement modified from the standard NR-KPP compliance statement?	X	X	X	X	S	The NR-KPP compliance statement is the basis for the IOP cert process. We must be aware of any modification of the statement. JS J6 must approve any modification to the statement.	
2. Net-Centric Operations and Warfare Reference Model (NCOW RM) Compliance							
2.1. Does the system use Net-Centric services/ data? If not, go to 3.0.	X	X	X	X	C	We will certify to the enterprise services and data listed in the capabilities document, NR-KPP Package, ISP, or TISP after J6 certifies it. We must ensure the document is clear on the services/data it will produce or consume. If you have any questions or doubts about enterprise services or data, you need to make a comment.	App A to Encl D, para 2.d
2.2. Does the document identify activities conducted by the system to:							
2.2.1. Access and use NCES?	X	X	X	X	C (CPD) S (CDD)	If the system is going to produce or consume enterprise services or data, the data in these sections are critical to JITC testing.	App A to Encl D, para 2.d.(3) through (8)
2.2.2. Provide assistance and invoke services?	X	X	X	X	C (CPD) S (CDD)		
2.2.3. Locate, activate, and connect to the resources used by the system and NCES?	X	X	X	X	C (CPD) S (CDD)		
2.2.4. Architect, plan, engineer, provision, and manage the environment?	X	X	X	X	C (CPD) S (CDD)		

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2.3. Comply with DoD Net-Centric Data Strategy and DODD 8320.2 Data Sharing in a Net-Centric DoD. If the following actions (2.3.1 through 2.3.7) have not been completed, the document should indicate the extent of progress or provide a plan to meet the requirement.							
2.3.1. Does the document list the COI(s), including POC contact information, in which the program participates?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	JITC needs to know the COIs, if any, with which the system is affiliated. The document should include POC information for the COI.	App A to Encl D, para 2.d.(3)
2.3.2. Does the document report the status of COI Metadata tagging?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	JITC requires the status of COI metadata tagging to be able to plan and test the metadata.	App A to Encl D, para 2.d.(4)
2.3.3. Does the document report the status of data asset tagging with DDMS and COI extensions and XML component tagging?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	JITC requires the status of data asset tagging to be able to plan and test the tagging.	App A to Encl D, para 2.d.(5)
2.3.4. Does the document report the status of registering structural and semantic metadata in the DOD Metadata Registry?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	JITC requires the status of registering structural and semantic metadata in the DOD Metadata Registry to adequately plan and test the structural and semantic metadata.	App A to Encl D, para 2.d.(6)
2.3.5. Does the document include representative samples of registry entries?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	We need the registry entry samples to be able to develop tests for them.	App A to Encl D, para 2.d.(6)

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2.3.6. Does the document identify, including names and URLS, other shared spaces (registries, catalogs, repositories, etc.) where program data and semantic and structural metadata are posted?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	We need the name and URL of shared spaces to be able to test them.	App A to Encl D, para 2.d.(7)
2.3.7. Does the document identify web services that the program is developing and where the services and their associated metadata are registered?	X	X	X	X	C (CPD, MS-C ISP, TISP) S (CDD, MS B ISP)	We need the identification and location of the web services the program is developing and where the services and their associated metadata are located.	App A to Encl D, para 2.d.(8)
2.3.8. Are the critical (threshold) and all (critical plus non-critical - objective) net-centric requirements clearly delineated by criticality and increment?	X	X	X	X	C (CPD, MS-C ISP, TISP) S (CDD, MS B ISP)	If the criticality and/or increment of a requirement, net-centric or otherwise, is not clear in a capabilities document, ISP, or TISP; we have to assume it is critical and being implemented in the current increment.	Encl E, para 9.a.(2)
2.4. Exposure Verification Tracking Sheets							
2.4.1. Data Exposure Verification Tracking Sheet							
2.4.1.1. Slide Title: Is the name of the Program of Record (POR)/System of Record (SOR) being exposed correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	The data in the data and services exposure verification is required for planning and testing.	Exposure Verification Sheet Guide, version 1.4, para 7.1
2.4.1.2. PM/phone: Is the name and phone number of the person responsible for management of the POR/SOR correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
2.4.1.3. POC/phone: Is the POC name and phone number of the person who will be responsible for updating and submitting the Exposure Verification Sheets correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.4. Web Page URL: Is the web page Uniform Resource Locator (URL) address of the data being exposed correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.5. IT System, DITPR ID no.: Is the name of the primary system on which the POR/SOR is running correct? 2.4.1.6. Note: The system name is normally registered in the DITPR.	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.7. Top Level JCA: Is the top-level JCA correct? http://www.dtic.mil/futurejointwarfare/cap_areas.htm	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.8. Data Asset: Is the name of the data asset registered in the Enterprise Catalog?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.9. Description: Is the description of the data being exposed accurate and complete?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
2.4.1.10. Number of objectives: Is the count of the number of achieved areas relative to the previous submission correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.11. Submission date: Is the submission date correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.12. Issues/comments: Do any issues have an impact on planning and testing?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.13. Exposure start/complete dates: Are the dates of the beginning and end of the exposure effort correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.14. Visibility criteria: Is the content discovery and delivery status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.15. Accessibility criteria: Is the policy status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

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2.4.1.16. Accessibility criteria: Is the operational status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.1.17. Understandability criteria: Is the user criteria status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2. Service Exposure Verification Tracking Sheet							
2.4.2.1. Slide Title: Is the name of the Program of Record (POR)/System of Record (SOR) being exposed correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.2. PM/phone: Is the name and phone number of the person responsible for management of the POR/SOR correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C	The data in the data and services exposure verification is required for planning and testing.	Exposure Verification Sheet Guide, version 1.4, para 7.2
2.4.2.3. POC/phone: Is the POC name and phone number of the person who will be responsible for updating and submitting the Exposure Verification Sheets correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.4. MDR Namespace: Is the registered MDR governance namespace correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

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2.4.2.5. IT System, DITPR ID no.: Is the name of the primary system on which the POR/SOR is running correct? 2.4.2.6. Note: The system name is normally registered in the DITPR.	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.7. Top Level JCA: Is the top-level JCA correct? http://www.dtic.mil/futurejointwarfare/cap_areas.htm	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.8. Service name: Is the service registered in the NCES Services Registry (UDDI) correctly?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.9. Service type: Is the type of service correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.10. MDR Submission: Is the service as it is registered in the NCES Services Registry (UDDI) correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.11. Description: Is the description of the service being exposed accurate and complete?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

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2.4.2.12. Number of objectives: Is the count of the number of achieved areas relative to the previous submission correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.13. Submission date: Is the submission date correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.14. Issues/comments: Do any issues have an impact on planning and testing?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.15. Exposure start/complete dates: Are the dates of the beginning and end of the exposure effort correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.16. Visibility criteria: is the MDR status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.17. Visibility criteria: is the UDDI status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		

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2.4.2.18. Accessibility criteria: Is the UDDI status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.19. Accessibility criteria: Is the policy status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.20. Understandability criteria: Is the MDR status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
2.4.2.21. Understandability criteria: Is the COI status correct?	X	X	X	X	CDD - S MS B ISP-S CPD-C MS C ISP-C ISP Annex-C		
3. Information Exchanges as defined in the Integrated Architecture Products							
3.1. Are there sufficient measurable and testable criteria for all information exchanges specified in the architecture products and supporting text to be able to evaluate the exchanges?	X	X	X	X	C	We need measurable and testable criteria to evaluate information exchanges.	App A to Encl D, para 3.d.
3.2. Do the architecture products and the supporting text show information exchanges with external and Net-Centric Core Enterprise Services?	X	X	X	X	C	We evaluate all information exchanges.	App A to Encl D, para 3.e.

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3.3. Does the system have its TV-1 and TV-2 registered online in DISRonline?	X	X	X	X	C	Online registration of the system's TV-1 and TV-2 provides a common basis for understanding the system. This common understanding results in more accurate interoperability tests and certifications.	Encl E, para 3.b.(1)(g)
3.4. Does the document provide a reference to the online TV-1and TV-2?	X	X	X	X	S	Online registration of the system's TV-1 and TV-2 provides a common basis for understanding the system. This common understanding results in more accurate interoperability tests and certifications.	Encl E, para 3.b.(1)(g)
3.5. Are the architecture products submitted in data formats that are viewable without specialized or proprietary tools?	X	X	X	X	C	Solution architectures that are viewable without specialized or proprietary tools support more consistent and more efficient interoperability testing and certification.	Encl E, para 3.b.(1)(m)
3.6. Are the architecture products legible?	X	X	X	X	C	Legible solution architectures support more consistent and more efficient interoperability testing and certification.	Encl E, para 3.b.(1)(m)
3.7. Do the architecture products support traceability of joint critical operational activities?	X	X	X	X	C	Traceability of joint critical operational activities supports accurate interoperability testing and certification.	Encl E, para 3.d.(2)
3.8. See 8.0 through 21.0 for the architecture products sections.							
4. KIP Compliance							
4.1. Does the document contain a KIP declaration table?	X	X	X	X	C	We need a correctly filled out KIP declaration table to determine the extent of testing required for the system.	App A to Encl D, para 4
4.1.1.Is the KIP declaration table the correct version and format?	X	X	X	X	C	The latest version and format of the KIP declaration table is available at https://www.us.army.mil/suite/page/477323. Your comment should direct the program to the web site for the table and up-to-date KIP information.	App A to Encl D, para 4

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4.1.2.Is the KIP version correct?	X	X	X	X	C	Check the DISRonline for the correct version: https://disronline.disa.mil/a/DISR/index.jsp. Your comment should direct the program to the web site for the correct version and status of the KIPs.	App A to Encl D, para 4
4.1.3.Is the Applicable column correctly filled in?	X	X	X	X	C	KIPs the system will implement should have a 'Yes' in the appropriate cell. You need to compare the KIPs to the TV-1 to make sure the KIPs are correctly marked as applicable or not applicable.	App A to Encl D, para 4
4.1.4.Is the DISR status correct?	X	X	X	X	C	Check the DISRonline for the correct status. https://disronline.disa.mil/a/DISR/index.jsp	App A to Encl D, para 4
4.1.5.Is the implementation phase designated for each applicable KIP?	X	X	X	X	C	We have to know if the implementation phase is threshold or objective.	App A to Encl D, para 4
4.1.6.Is the program producing or consuming the service/data used by the KIP?	X	X	X	X	C	We have to know if the KIP is acting as a consumer or provider for the system.	App A to Encl D, para 4
4.1.7.Does each applicable KIP have implementation issues and/or KIP options correctly filled out?	X	X	X	X	C	Implementation issues and KIP options will have a direct bearing on testing.	App A to Encl D, para 4
4.1.8.Are the standards referenced in the KIP included in the TV-1?	X	X	X	X	S	In order to correctly test and report on the system, all standards referenced in the KIP must be included in the TV-1.	App B to Encl D, para 5.a.(1)(b)
5. IA Compliance							
5.1. Does the document provide the contact information for all the information assurance documentation described in Enclosure D along with an information assurance compliance statement?	X				S	IA Compliance statement example: "This program or system will be in full compliance with the IA requirements in DOD 8500 series and CJCS 6510 series directives, instructions and manuals."	App A to Encl D, para 5

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5.2. Does the document provide the contact information for all the information assurance documentation described in Enclosure D along with an information assurance compliance statement?		X			C	IA Compliance statement example: "This program or system is in full compliance with the IA requirements in DOD 8500 series and CJCS 6510 series directives, instructions and manuals." **Comment**: The IA contact information and/or IA compliance statement is not included in the CPD.	
6. DISR Compliance							
6.1. See 18.0 for TV-1 checklist items.							
7. Other							
7.1. Does the document adequately address the requirement for interoperability system testing and certification by JITC?	X	X	X	X	C	Capabilities documents are required to address Joint Interoperability testing at JITC.	Encl E. para 1
7.2. Is there is any reference to connecting to DSN?	X	X	X	X	C	If the system will connect to the DSN, the GSCR must be considered. See http://jitc.fhu.disa.mil/tssi/ for additional information.	DODI 8100.3, para 6.1.3.3
7.3. Does the TV-1 contain non-DISR standards, vendor documentation, or proprietary specification?	X	X	X	X	S	The TV-1 may contain non-DISR standards, specifications, etc. We should provide a Substantive comment to the program if they are included. However, if the non-DISR remain in the J-6 certified TV-1, we will test them to the best of our ability.	
7.4. Is there any reference to connecting to the DRSN?	X	X	X	X	C	If the system will connect to the DRSN, the Generic Switching Center Requirements (GSCR) must be included as additional requirements. See http://jitc.fhu.disa.mil/tssi/ for additional information. The user must request connectivity approval from the DRSN PM. If this is not discussed, we should comment as a courtesy to the program.	

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7.5. Does any other KPP address or affect interoperability in any way and are the requirements in the KPP measurable and testable?	X	X	X	X	C	Ensure that all KPPs that may affect interoperability are measurable, testable, and complete.	Encl E, para 6.a
7.6. Is there enough information provided for you to be able to plan, execute, and report on a Joint Interoperability test?	X	X	X	X	C	You, or someone else at JITC, will have to test the system based on this document. If it is not adequate in any way, you need to make the appropriate comment(s).	Encl E, para 6.a
7.7. Does the document clearly delineate the requirements between each increment (phase, spiral, block, etc.)?	X	X	X	X	C	If the requirements for each increment cannot be determined, we will have to test and certify to all requirements in the document.	Encl E, para 9.a.(2)
7.8. Are the critical (threshold) and all (critical plus non-critical - objective) requirements clearly delineated by criticality and increment?	X	X	X	X	C (CPD, MS-C ISP, TISP) S (CDD, MS B ISP)	If the criticality and/or increment of a requirement, net-centric or otherwise, is not clear in a capabilities document, ISP, or TISP; we have to assume it is critical and being implemented in the current increment.	Encl E, para 9.a.(2)
7.9. Does the system have a DITPR ID, a JCPAT-E system identifier, and an STP system number?	X	X	X	X	S	The DITPR ID and JCPAT system identifier are required for certifications so the JS can ID the system and the certification. If the system is not in the STP, you should add it to the STP.	Encl E, Para 9.a.(7)
7.10. Is the system increment and version identified?	X	X	X	X	C	The Joint Interoperability Test certification certifies a specific version and/or increment of a system.	Encl E, Para 9.a.(7)
7.11. Is the Acquisition Category (ACAT) included?	X	X	X	X	S	The ACAT helps identify level of effort.	CJCSM 3170.01C, App A to Encl F

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
7.12. Does the document contain a Spectrum Supportability statement?	X	X	X	X	S	Example: "Spectrum Supportability. Procurement or acquisition of this wireless, spectrum dependent device will be conducted IAW DOD guidance (e.g., DODD 3222.3, DODD 4650.1, DODI 4630.8, DODD 5000.1 and DODI 5000.2) as well as applicable MILDEP publications. A request for spectrum supportability assessment (i.e., DD Form 1494) was (will be) initiated on (date). The DD Form 1494 was (will be) releasable for coordination purposes to those foreign countries (host nations) in which permanent deployment or lengthy temporary use is contemplated. The program manager (PM) acknowledges that, before assuming contractual obligations for deployment, testing, production, or procurement of this spectrum dependent system, the required spectrum support is or will be available in those host nations determined by the PM or procurer for the equipment's intended use. The PM has (will develop) a plan to obtain appropriate equipment allocation guidance/status prior to MS B or MS C as outlined in DODD 4650.1 in order to progress to the next phase."	Encl D, 3.e.(6)(c)12.
7.13. Does the document include a statement on how the program will comply with CJCSI 6130.01, which directs specific measures to protect GPS?	X	X	X	X	S	The statement should either address implementing a SAASM compliant receiver, or obtaing a waiver from ASD(NII).	Encl D, 3.e.(6)(e)
7.14. Does the document include TDL implementation details?		X			C	This detailed implementation information will be included in the I&S certified requirements document (usually the CPD).	Encl D, 3.e.(6)(f)
8. AV-1: Overview and Summary Information (III)[7] https://dars1.army.mil/ (log in required)							
8.1. Is the AV-1 missing?	X	X	X	X	S	**Note**: The AV-1 serves as a quick check to detect if any products are missing that could affect an NR-KPP	DoDAF, section 3.1

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
						evaluation.	
8.2. Does the AV-1 provide accurate information?	X	X	X	X	S	**Note**: AV-1 provides Scope, purpose, intended users, environment depicted, and analytical findings.	
8.3. Does the system have its AV-1 registered online in DARS?	X	X	X	X	S	Online registration of the system's AV-1 provides a common basis for understanding the system. This common understanding results in more accurate interoperability tests and certifications.	Encl E, para 3.b.(1)(e)
8.4. Does the document provide a reference to the online AV-1?	X	X	X	X	S	Online registration of the system's AV-1 provides a common basis for understanding the system. This common understanding results in more accurate interoperability tests and certifications.	Encl E, para 3.b.(1)(e)
9. OV-1: High-Level Operational Concept Graphic (III)[7]							
9.1. Is the OV-1 missing?	X	X	X	**3**	S	**Note**: Designed for high-level discussion of architecture does not contain data elements required for testing purposes.	DoDAF, section 4.1
9.2. Does the OV-1 provide accurate information?	X	X	X	**3**	S	**Note**: OV-1 most general of the architecture products. Check for explanatory text. Ensure OV-1 captures mission and highlights main operational nodes.	
9.3. Are the organizations, organization types, and/or human roles traceable to the OV-2?	X	X	X	X	C	The OV-1's objects (e.g., organizations and human roles) should trace to the OV-2's nodes. Successful traceability will result in more accurate interoperability testing and certification.	
9.4. Do relationships trace to needlines in the OV-2?	X	X	X	X	S	The OV-1's object relationships (i.e., between organizations and between organizations and human roles) must trace to the OV-2's needlines. The OV-2's needlines provide the OV-1's relationships with specific identification and attributes, which will result in more focused interoperability testing and certification.	
10. OV-2: Operational Node Connectivity (II)[7]							

X. Requirement X.X Potential Issue(s)	**CDD**	**CPD**	**ISP**	**TISP**	**Maximum Level of Criticality[6]**	**Guidance**	**Reference See note 1**
10.1. Is the OV-2 missing?	X	X	X		C	**Note**: We must be able to identify and understand the roles of the operational nodes	DoDAF section 4.2
10.2. Does the OV-2 have any missing unique needline(s)/node ID(s)?	X	X	X		C	**Note**: The needline/node identifier is essential to tracing needlines and information exchanges across the other architectural products. A needline is a relation between Operational nodes showing that these two nodes communicate to each other and exchange information. An Operational node is an element that produces, consumes, or manipulates information.	
10.3. Does the OV-2 provide details on associating an organization type to a node, if needed to understand the facilities/system nodes?	X	X	X		S	**Note**: OV-2 can also group organizational structure elements from OV-4.	
10.4. Are the organizations, organization types, and/or human roles traceable to the OV-1?	X	X	X		S	The organizations, organization types, and/or human roles shown in various views must trace back to the OV-1. This will provide consistency of interoperability testing and certification.	
10.5. Do needlines trace to relationships in the OV-1?	X	X	X		S	The needlines shown in various views must trace back to the OV-1. This will provide consistency of interoperability testing and certification.	
10.6. Do OV-2 needlines map to one or more information exchanges in OV-3?	X	X	X		S	The OV-2's needlines must map to the OV-3's information exchanges. This will provide consistency of interoperability testing and certification.	
10.7. Do the activities annotating an operational node in an OV-2 map to the activities described in an OV-5?	X	X	X		S	The activities annotating OV-2's operational node must map to the corresponding activities described in the OV-5. This will provide consistency of interoperability testing and certification.	
10.8. Does the OV-5 document the operational nodes that participate in each operational activity?	X	X	X		S	The OV-5 must document operational nodes that participate in each operational activity. This will provide completeness of operational node/activity relationships	

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
						within interoperability testing and certification.	
10.9. Do lifelines in OV-6c map to operational nodes in OV-2?	X	X	X		S	The OV-6c's lifelines must map to the OV-2's operational nodes. This will provide consistency of interoperability testing and certification.	
10.10. Are operational nodes supported by one or more systems in SV-1 (indicating that the operational node owns/uses the system)?	X	X	X		S	Each operational node must be supported by one or more systems shown in the OV-1. This will provide completeness of operational node/system relationships within interoperability testing and certification.	
10.11. Do needlines map to one or more interfaces in the SV-1?	X	X	X		S	The system needlines must map to one or more interfaces in the SV-1. This will provide completeness of needlines within interoperability testing and certification.	
11. OV-4: Organizational Relationships Chart (III)[7]							
11.1. Is the OV-4 missing OV-4?	X	X	X		S	**Note**: Many OV-4's are constructed in similar nature to organization charts – dashed lines indicate a supporting role and solid lines indicate directing or commanding role.	DoDAF section 4.4
11.2. Do the nodes depicted in the OV-2 and the relationships depicted in the OV-4 agree?	X	X	X		S	**Note**: You should be able to trace group organizational structure elements from OV-4 to the OV-2.	
12. OV-5: Operational Activity Model (I)[7]							
12.1. Is the OV-5 missing?	X	X	X	X	C	**Note**: OV-5 describes the operations that are normally conducted in the course of achieving a mission or a business capability. It describes capabilities, operational activities (or tasks), input and output (I/O) flows between activities, and I/O flows to/from activities that are outside the scope of the architecture	DoDAF section 4.5
12.2. Is the OV-5 missing any operational nodes/activities?	X	X	X	X	C	**Note**: JITC needs to know the input/output flow of the operational nodes/activities.	DoDAF section 4.5

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
12.3. Does the OV-5 clearly delineate lines of responsibility in association with OV-2/OV-4?	X	X	X	X	C	**Note**: Clearly delineate lines of responsibility for activities when coupled with OV-2	DoDAF section 4.5
12.4. Is the OV-5 linkage to the OV-6c clear?	X	X	X	X	C	**Note**: Provide a necessary foundation for depicting activity sequencing and timing in OV-6c.	DoDAF section 4.5
12.5. Can you determine the criticality of the OV-5 activities?	X	X	X	X	C	**Note**: Identify criticality mission threads and operational information exchanges by annotating which activities are critical.	DoDAF section 4.5
12.6. Do the operational activities depicted in OV-5 map correctly to SV-5?	X	X	X	X	C	**Note**: Operational activities from the OV-5 are used in the SV-5.	DoDAF section 4.5
12.7. Does the OV-5 include discussion or representation of any constraints and/or does the operational logic appear to be consistent with the other architectural products?	X	X	X	X	S	The OV-5 should define the flow of the operational activities.	
12.8. Does the OV-5 document the OV-2 operational nodes that participate in each operational activity?	X	X	X	X	S	The OV-5 must document the OV-2's operational nodes that participate in each operational activity. This will provide consistency in interoperability testing and certification.	
12.9. Do inputs and outputs of operational activities map to OV-6c events?	X	X	X	X	S	The inputs and outputs of the OV-5's operational activities must map to the OV-6's events. This will provide consistency in interoperability testing and certification.	
12.10. Do OV-5 operational activities match SV-5 operational activities?	X	X	X	X	S	The OV-5's operational activities must map to the SV-5's operational activities. This will provide consistency in interoperability testing and certification.	
13. OV-6c: Operational Event-Trace Description (II)[7]							
13.1. Is the OV6c missing?	X	X	X	**3**	C	**Note**: Multiple OV-6cs are common. May document non-automated exchange requirements.	DoDAF section 4.6
13.2. Does the OV-6c provide sequence of operational events?	X	X	X	**3**	C	**Note**: OV-6c should define the timing and sequence of messaging events across multiple operational nodes (depicted as swim lanes)	

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
13.3. Does the OV-6c provide timeliness information?	X	X	X	**3**	S	**Note**: OV6c should identify the warfighters timeliness requirement from an end-to-end perspective. Timeliness info may not be ready for a CDD.	
13.4. Do OV-6c lifelines map to OV-2 operational nodes?	X	X	X	X	S	The OV-6c's lifelines must map to the OV-2's operational nodes. This will provide consistency in interoperability testing and certification.	
13.5. Do OV-6c events map to OV-3 triggering events?	X	X	X	X	S	The OV-6c's events must map to the OV-3's triggering events. This will provide consistent scenarios in interoperability testing and certification.	
13.6. Do OV-6c events map to OV-5 inputs and outputs of operational activities?	X	X	X	X	S	The OV-6c's events must map to the OV-5's inputs and outputs of operational activities. This will provide consistency in interoperability testing and certification.	
13.7. Do any capabilities associated with a specific sequence in OV-6c match a system, function, or service documented in SV-5a/b/c?	X	X	X	X	S	Any system, system function, or service documented in the SV-5a/b/c must map to an operational node in one or more OV-6cs. This will provide consistency in interoperability testing and certification.	
14. SV-2: Systems/Services Communications (II)[7]							
14.1. Is the SV-2 missing?	X	X	X		C	**Note**: SV-2 describes how physical media support interfaces. SV-2s are more important now that SV- 1s are no longer required. Check and double-check all data.	DoDAF section 5.2
14.2. Can you determine SV-2 interfaces/ interface criticality?	X	X	X		C	**Note**: Associates a system node or facility with an operational node.	
14.3. Does the SV-2 provide system node/facility linkage to an OV-2 operational node and is it correct?	X	X	X		C	**Note**: The SV-2 bridges the system and operational views.	
14.4. Does the SV-2 provide depiction of data flow details and/or is the data flow properly associated with interface(s)?	X	X	X		C	**Note**: Provides detail on paths of data flows. Associates data flows with interfaces and interface criticality.	

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
14.5. Are the SV-1 interfaces implemented by communications link(s) or communications network(s) in SV-2?	X	X	X		C	The SV-1's interfaces must be implemented by communications links or communications networks shown in the SV-2. This will provide consistency in interoperability testing and certification.	
15. SV-4a and 4b: Systems/Services Functionality (II)[7]							
15.1. Is the SV-4 missing?	X	X	X		C	**Note**: The SV-4 must describe what system function/s implement which system data flows. Additionally, the SV-4, to make an effective bridge to the TV-1 should identify which standards are used to implement a function	DoDAF section 5.4.1 and 5.4.3
15.2. Can you trace the OV-5, operational activities, through the SV-2, system data flow, to the SV-4 system/ services functions?	X	X	X		S	**Note**: System functions from SV-4 are implementing the operational activities.	
15.3. Are SV-4 system functions executed by systems defined in SV-1?	X	X	X		S	The SV-4's system functions must be executed by systems defined by the SV-1. This will provide consistency in interoperability testing and certification.	
15.4. Do SV-4 system functions map one-to-one to system functions in SV-5?	X	X	X		S	The SV-4's system functions must map one-to-one to the SV-5's system functions. Consistency of mapping supports more accurate interoperability testing and certification. This will provide consistency in interoperability testing and certification.	
15.5. Do SV-4 system data flows map to system data elements appearing in system data exchanges of SV-6.	X	X	X		S	The SV-4's system data flows must map to the system data elements that make up the system data exchanges in the SV-6. These include the sending and receiving systems (i.e., show data flow direction), needlines, and organizations/nodes. This will provide consistency in interoperability testing and certification.	
16. SV-5: Operational Activity to Systems Function, Operational Activity to Systems and Services Traceability Matrices (II)[7]							
16.1. Is the SV-5 missing?	X	X	X	X	C	**Note**: SV-5 provides a matrix that cross flows	DoDAF section

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
						operational activities against system functions to depict relationship between the two.	5.5.1 and 5.5.3
16.2. Do the SV-4 systems/services functions map to SV5 systems/services functions?	X	X	X	X	C	**Note**: System functions in SV-5 are derived from SV-4	
16.3. Do the OV-5 operational activities map to SV-5 operational activities?	X	X	X	X	C	**Note**: Operational activities in the SV-5 are derived from the OV-5.	
16.4. Are the OV-5 Operational activity(s) supported by multiple SV-4 system function(s) complete?	X	X	X	X	C	**Note**: SV-5 should depict logical relationship of operational activities to system functions.	
16.5. Do the SV-5 operational activities match OV-5 operational activities?	X	X	X	X	C	The SV-5's operational activities must match the OV-5's operational activities. This will facilitate more accurate interoperability testing and certification.	
16.6. Do the capabilities associated with a specific sequence in OV-6c match an SV-5 capability?	X	X	X	X	C	The capabilities associated with a specific sequence in the OV-6c must match the capabilities in the SV-5. This will facilitate more accurate interoperability testing and certification.	
16.7. Do SV-5 systems match the SV-1 systems?	X	X	X	X	C	The SV-5's systems must match the SV-1's systems. This will facilitate more accurate interoperability testing and certification.	
16.8. Do SV-5 system functions map one-to-one to system functions in SV-4?	X	X	X	X	C	The SV-5's system functions must map one-to-one to the SV-5's system functions. This will facilitate more accurate interoperability testing and certification.	
16.9. For system functions that are common to the JCSFL, are JCSFL function names and definitions used to the maximum extent possible?	X	X	X	X	S(C)	We should review the function names against the JCSFL and comment on any errors. If the error could seriously affect our testing, the comment should be made critical. The following URL takes you to where the JCSFL resides on AKO (must be logged into AKO and paste URL into address line: https://www.us.army.mil/suite/page/419489	Encl E, para 3.b. (1) (j) 1

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
16.10. For system functions that are NOT common to the JCSFL, are domain specific names and definitions shown in the SV-4 and SV-5?	X	X	X	X	S	Use of consistent, system-defined function names and definitions may facilitate interoperability testing and certification. When mission threads are institutionalized as one approach to interoperability evaluation, we may well be concerned with consistently named operational activities and functions, some of which may be reflected in system function names.	Encl E, Para 3.b. (1) (j)
17. SV-6: Systems/Services Data Exchange Matrix (I) [7]							
17.1. Is the SV-6 present?	X	X	X	X	C	The SV-6 must contain data elements and attributes required to develop testing measures for applying criteria of the NR KPP (related to the integrated architecture element).	DoDAF, section 5.6
17.2. Are all system data exchange parameters entered in the SV-6?	X	X	X	X	C	Timeliness, criticality, availability, frequency (or periodicity), throughput, size, etc. must be found within the SV-6. Review the system data exchange attributes to be sure the SV-6 entry captures every attribute you need and that the values entered into the SV-6 matrix are within accepted value ranges, e.g. speed of light entry for timeliness attribute is unacceptable.	
17.3. Does SV-6 describe, in tabular format, system data exchanged between systems?	X	X	X	X	C	The focus of SV-6 is on how the system data exchange is implemented, in system-specific details covering periodicity, timeliness, throughput, size, information assurance, and security characteristics of the exchange. In addition, the system data elements, their format and media type, accuracy, units of measurement, and system data standard are also described in the matrix. The SV-6 data exchange description format includes an interface identifier, which should certainly map to one of the interfaces identified in the SV-1, or referenced in the SV-2.	

X. Requirement X.X Potential Issue(s)	**CDD**	**CPD**	**ISP**	**TISP**	**Maximum Level of Criticality[6]**	**Guidance**	**Reference See note 1**
17.4. Are standards in the SV-6 depicted against system interfaces and are they also included the TV-1/TV-2?	X	X	X	X	C	The SV-6 should have a column for Data Standards and the standards should be reflected in the TV-1 as well as in DISRonline.	
17.5. Are all the system data exchange parameters in a CDD?	X	X	X	X	S	CDDs may have many TBDs in the SV-6. You may still comment on the missing parameters to let the proponent know they will be required.	
17.6. Does each SV-6 system data exchange element map to an OV-3 information exchange?	X	X	X	X	C	The OV-3's automated data information elements must map to the system data elements that make up the system data exchanges in the SV-6. These include the sending and receiving systems (i.e., show data flow direction), needlines, and organizations/nodes. This will provide consistency in interoperability testing and certification.	
17.7. SV-4 system data flows should map to system data elements appearing in system data exchanges of SV-6.	X	X	X	X	C	The SV-4's system data flows must map to the system data elements that make up the system data exchanges in the SV-6. These include the sending and receiving systems (i.e., show data flow direction), needlines, and organizations/nodes. This will provide consistency in interoperability testing and certification.	
18. TV-1: Technical Standards Profile (I)[7] https://disronline.disa.mil/a/DISR/index.jsp (log in required)							
18.1. Is the TV-1 present?	X	X	X	X	C	The TV-1 is only designated non-critical if a sufficient SV-4 exists. The SV-4 must associate system functions to standards; otherwise, the TV-1 becomes critical for determining standard conformance implementation. TV-1 must be generated from the DISRonline tool and pasted into the document (CDD, CPD, and ISP) submission.	DoDAF, section 6.1

X. Requirement X.X Potential Issue(s)	CDD	CPD	ISP	TISP	Maximum Level of Criticality[6]	Guidance	Reference See note 1
						The TV-1 must be posted to SIPRNet DISRonline for compliance.	
18.2. Does the TV-1 provide applicable standards and/or KIPs?	X	X	X	X	C	The standards in the TV-1 should apply to SV-1 systems, subsystems, and system hardware/software; to SV-2 communications systems, communications links, and communications networks; and SV-4 system functions. The TV-1 listed standards may apply to and sometimes constrain data elements in the SV-6.	
18.3. Do technical standards in TV-1 apply to modeling techniques in OV-7?	X	X	X	X	S	Where TV-1 standards apply to modeling techniques in the OV-7, the traceability should be obvious and should be noted or discussed in the document.	
18.4. Do technical standards in TV-1 apply to and sometimes constrain systems, subsystems, and system hardware/software items in SV-1?	X	X	X	X	S	Where TV-1 standards constrain the system or a system component, the constraint must be traceable between the TV-1 and affected hardware/software items in the SV-1. The constraint should also be listed in the AV-1.	
18.5. Do technical standards in TV-1 apply to and sometimes constrain communications systems, communications links, and communications networks in SV-2?	X	X	X	X	S	Where TV-1 standards constrain a communications-related component, the constraint must be traceable between the TV-1 and the affected communications item (communications system, link, or network) in the SV-2. The constraint should also be listed in the AV-1.	
18.6. Do technical standards in TV-1 apply to and sometimes constrain system data elements in SV-6?	X	X	X	X	S	Where TV-1 standards constrain data elements, the constraint must be traceable between the TV-1 and the affected data element in the SV-6. The constraint should also be listed in the AV-1.	
18.7. Do technical standards in TV-1 apply to modeling techniques in SV-11?	X	X	X	X	S	Where TV-1 standards apply to modeling techniques in the SV-11, the traceability should be obvious and should be noted or discussed in the document.	
19. OV-7: Logical Data Model (II)[7]							

JITC Document Review Checklist
CJCSI 6212.01D
Version 2.0, 12 May 2009

X. Requirement X.X Potential Issue(s)	**CDD**	**CPD**	**ISP**	**TISP**	**Maximum Level of Criticality[6]**	**Guidance**	**Reference See note 1**
19.1. Is the OV-7 missing?	**2**		X		C	**Note**: The Logical Data Model is only required to depict/describe two data elements: entity type and relationship type along with their respective attributes. CDDs will include the Logical Data Model (OV-7) if the system being described collects, processes, or uses any shared data not prescribed by NCES or KIP use (includes database systems).	DoDAF section 4.7
19.2. Are all input/output entities represented in the OV-7?	**2**		X		S	**Note**: OV-7 reflects the structure and flow of key information. The content of this product should be directly attributable to the input/output entities identified during construction of the OV-6c.	
19.3. Are OV-3 information elements constructed of OV-7 entities?		**2**	**3**		S	As the OV-3 and OV-7 complement each other, there should be two-way traceability and correlation.	
20. SV-11 Physical Schema (I)[7]							
20.1. Is the SV-11 missing?	**2**	**2**	X		C	**Note**: System data elements defined in SV-6 should be reused in SV-11.	DoDAF section 5.11
20.2. Is the physical organization of the data of the SV-11 consistent with the OV-7?	**2**	**2**	X		S	**Note**: The SV-11 is the complement to the OV-7.	
21. TV-2: Technical Standards Forecast (III)[7]							
21.1. Is the TV-2 missing?	**2**	X	X		S	**Note**: TV-2 delineates the standards that will potentially affect the relevant system elements (from SV-1, SV-2, SV-4, SV-6, and OV-7).	DoDAF section 6.2

1. All references are to CJCSI 6212.01D, Table D-1 and, DoDAF Ver 1.5, Vol. II, unless otherwise noted.
2. OV-7, SV-11, and TV-2 are required only when applicable.
3. TISP OV-1, OV-6c, and SV-1 are optional. J6 will determine if the optional views are required.
4. The OV-3 is not assessed as part of the NR-KPP review; however, normally the OV-3 is used to develop other architecture documents and can be included with the NR-KPP documentation to assist in development and conduct of the testing.
5. An X in the capability document column indicates the requirement is applicable to that type of document
6. Maximum Level of criticality indicates the maximum level of comment JITC may submit for this issue.
    a. C: Critical comments are for missing or incorrect information can prevent the JITC from testing and certifying the system.
    b. S: Substantive comments are for missing or incorrect information that may affect the JITC from effectively testing and certifying the system.
    c. A: Administrative comments are for minor errors that do not affect the JITC.

7. All architecture products are required by CJCSI 6212.01E, depending on document type and system functions. The criticality of architecture products, from JITC's perspective, is in the parentheses next to the architecture product name. The levels of criticality are:
   a. I: Critical, these products are required for interoperability testing.
   b. II: Acute, these products can be required for interoperability testing. However, if the critical products are available and correct, the need for these products may be reduced.
   c. III Useful information, these products provide useful information for interoperability testing, but are not required.

Sample Comment

Criticality (C, S, A)	Page #	Paragraph #	Line #	Classification (U, C, S, F)
C				U
Reviewer:	Jane Doe			
Reviewer Org:	JITC			
Reviewer Email:	jane.doe@disa.mil			
Reviewer Phone:	520-538-1111 or DSN 879-1111			
Comment:	SV-4 lists system functions but does not show data flows. The SV-4 should develop a clear description of the necessary data flows that are input (consumed) by and out put (produced) by each system.			
Recommendation:	Add more detail to show data flows between system functions/systems.			
Rationale:	Clarify data flows/exchanges.			